

TABLE 22: Mycotoxin results - Maize Crop Quality 2011/2012

Region	Grade	Aflatoxin µg/kg						Fumonisin µg/kg				DON µg/kg	15-ADON µg/kg	Ochratoxin A µg/kg	Zearalenone µg/kg	HT-2		T-2		
		G ₁	B ₁	G ₂	B ₂	Total		B ₁	B ₂	B ₃	Total					LOQ:	LOQ:	LOQ:	LOQ:	
		LOQ: 5 µg/kg	LOQ: 5 µg/kg	LOQ: 5 µg/kg	LOQ: 5 µg/kg	LOQ: 5 µg/kg	LOQ: 5 µg/kg	LOQ: 20 µg/kg	LOQ: 20 µg/kg	LOQ: 20 µg/kg	LOQ: 20 µg/kg					LOQ: 20 µg/kg	LOQ: 20 µg/kg	LOQ: 20 µg/kg	LOQ: 20 µg/kg	LOQ: 20 µg/kg
10	YM1	0	0	0	0	0	0	272	125	<20	397	<100	21	0	0	0	0	0		
11	YM1	0	0	0	0	0	0	501	169	50	720	0	0	0	0	0	0	0		
11	YM1	0	0	0	0	0	0	59	21	<20	80	<100	<20	0	0	<20	0	0		
12	YM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
13	WM1	0	0	0	0	0	0	33	<20	0	33	0	0	0	0	0	0	0		
13	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
13	YM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
13	YM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
13	WM1	0	0	0	0	0	0	612	386	47	1 045	0	0	0	0	0	0	0		
14	YM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
14	WM1	0	0	0	0	0	0	329	136	21	486	0	0	0	0	0	0	0		
14	WM2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
14	YM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
14	WM1	0	0	0	0	0	0	33	<20	0	33	0	0	0	0	0	0	0		
14	WM2	0	0	0	0	0	0	1 115	437	96	1 648	<100	0	0	0	0	0	0		
14	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
14	YM1	0	0	0	0	0	0	<20	0	0	0	0	0	0	0	0	0	0		
14	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
15	WM1	0	0	0	0	0	0	<20	0	0	0	0	0	0	0	0	0	0		
15	WM1	0	0	0	0	0	0	108	53	<20	161	<100	<20	0	<20	0	0	0		
16	YM1	0	0	0	0	0	0	295	80	32	407	<100	0	0	0	0	0	0		
16	WM1	0	0	0	0	0	0	235	77	20	332	0	0	0	0	0	0	0		
16	WM1	0	0	0	0	0	0	25	<20	0	25	0	0	0	0	0	0	0		
17	WM2	0	0	0	0	0	0	556	195	43	794	<100	0	0	0	0	0	0		
17	WM1	0	0	0	0	0	0	1 569	571	95	2 235	0	0	0	0	0	0	0		
17	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
17	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
18	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
18	YM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

TABLE 22: Mycotoxin results - Maize Crop Quality 2011/2012 (continue)

Region	Grade	Aflatoxin µg/kg				Fumonisin µg/kg				DON µg/kg	15-ADON µg/kg	Ochratoxin A µg/kg	Zearalenone µg/kg	HT-2 µg/kg	T-2 µg/kg
		G ₁ LOQ: 5 µg/kg	B ₁ LOQ: 5 µg/kg	G ₂ LOQ: 5 µg/kg	B ₂ LOQ: 5 µg/kg	Total	B ₁ LOQ: 20 µg/kg	B ₂ LOQ: 20 µg/kg	B ₃ LOQ: 20 µg/kg						
18	WM2	0	0	0	0	0	<20	<20	0	0	485	85	0	0	0
18	WM2	0	0	0	0	1 445	471	85	2 001	0	0	0	0	0	0
19	COM	0	0	0	0	468	246	27	741	0	0	0	0	0	0
19	WM1	0	0	0	0	<20	0	0	0	0	0	0	0	0	0
19	WM1	0	0	0	0	<20	0	0	0	0	0	0	0	0	0
19	YM1	0	0	0	0	<20	0	0	0	0	0	0	0	0	0
20	WM1	0	0	0	0	<20	0	0	0	140	31	<20	<20	0	0
21	YM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	WM1	0	0	0	0	0	0	0	0	<100	0	<20	<20	0	0
21	WM2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	WM1	0	0	0	0	219	100	20	339	0	0	0	0	0	0
21	WM1	0	0	0	0	0	0	0	0	<100	0	0	0	0	0
22	WM1	0	0	0	0	58	<20	<20	58	0	0	0	0	0	0
22	WM1	0	0	0	0	43	<20	<20	43	120	28	<20	<20	0	0
22	WM2	0	0	0	0	3 051	1 146	222	4 419	<100	0	0	0	0	<20
23	YM3	0	0	0	0	<20	0	0	0	0	0	0	0	0	0
23	WM2	0	0	0	0	74	22	<20	96	<100	0	0	0	0	0
23	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	YM1	0	0	0	0	<20	<20	0	0	0	0	0	0	0	0
23	WM1	0	0	0	0	<20	0	0	0	0	0	0	0	0	0
23	WM1	0	0	0	0	97	42	<20	139	0	0	0	0	0	0
24	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	WM1	0	0	0	0	<20	0	0	0	0	0	0	0	0	0
24	YM1	0	0	0	0	21	<20	0	21	<100	<20	0	0	0	0
25	YM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	YM2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	YM1	0	0	0	0	20	<20	0	20	<100	0	0	0	0	0
26	YM2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	WM2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Region	Grade	Aflatoxin µg/kg						Fumonisin µg/kg				DON µg/kg LOQ: 100 µg/kg	15-ADON µg/kg LOQ: 20 µg/kg	Ochratoxin A µg/kg LOQ: 5 µg/kg	Zearalenone µg/kg LOQ: 20 µg/kg	HT-2 µg/kg LOQ: 20 µg/kg	T-2 µg/kg LOQ: 20 µg/kg
		G ₁ LOQ: 5 µg/kg	B ₁ LOQ: 5 µg/kg	G ₂ LOQ: 5 µg/kg	B ₂ LOQ: 5 µg/kg	Total	B ₁ LOQ: 20 µg/kg	B ₂ LOQ: 20 µg/kg	B ₃ LOQ: 20 µg/kg	Total							
27	YM1	0	0	0	0	0	<20	0	0	0	0	0	0	0	0	0	0
28	WM1	0	0	0	0	0	0	0	0	0	<100	0	0	0	0	0	0
28	YM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	YM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	YM1	0	0	0	0	0	25	0	0	25	0	0	0	0	0	0	0
29	YM1	0	0	0	0	0	202	57	0	259	0	0	0	0	0	0	0
29	YM1	0	0	0	0	0	0	0	0	0	<100	0	0	<20	0	0	0
29	YM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	YM1	0	0	0	0	0	26	<20	0	26	<100	<20	0	0	0	0	0
30	YM1	0	0	0	0	0	27	<20	0	27	0	0	0	0	0	0	0
30	YM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	YM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	YM1	0	0	0	0	0	0	0	0	0	<100	<20	0	0	0	0	0
30	WM1	0	0	0	0	0	0	0	0	0	303	24	0	200	0	0	0
31	YM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	YM1	0	0	0	0	0	0	0	0	0	<100	<20	0	0	0	0	0
32	YM1	0	0	0	0	0	239	88	<20	327	<100	0	0	0	0	0	0
32	WM1	0	0	0	0	0	119	<20	<20	119	0	0	0	<20	0	0	0
32	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	YM1	0	0	0	0	0	314	360	21	695	<100	0	0	0	0	0	0
32	YM1	0	0	0	0	0	203	68	<20	271	0	0	0	0	0	0	0
32	YM1	0	0	0	0	0	0	0	0	0	0	0	0	<20	0	0	0
32	WM1	0	0	0	0	0	0	0	0	0	<100	0	0	0	0	0	0
33	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	YM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Region	Grade	Aflatoxin µg/kg						Fumonisin µg/kg				DON µg/kg LOD: 100 µg/kg	15-ADON LOQ: 20 µg/kg	Ochratoxin A µg/kg LOQ: 5 µg/kg	Zearalenone µg/kg LOQ: 20 µg/kg	HT-2 LOQ: 20 µg/kg	T-2 µg/kg LOQ: 20 µg/kg
		G ₁ LOQ: 5 µg/kg	B ₁ LOQ: 5 µg/kg	G ₂ LOQ: 5 µg/kg	B ₂ LOQ: 5 µg/kg	Total	B ₁ LOQ: 20 µg/kg	B ₂ LOQ: 20 µg/kg	B ₃ LOQ: 20 µg/kg	Total							
											B ₁						
33	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	YM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	WM1	0	0	0	0	0	102	45	<20	147	0	0	0	0	0	0	0
35	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	WM1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	YM1	0	0	0	0	0	<20	0	0	0	0	0	0	0	0	0	0
Total number of samples		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Average of total number of samples		0	0	0	0	0	125	49	8	182	10	2	0	5	0	0	0
Number of positive results		0	0	0	0	33	22	13	33	4	5	0	2	0	0	0	0
Average of positive results		-	-	-	-	379	223	60	551	262	38	-	249	-	-	-	-
Maximum of positive results		-	-	-	-	3 051	1 146	222	4 419	485	85	-	297	-	-	-	-

Note: All non detected results are reported as 0

LOQ: Limit of quantitation

µg/kg = ppb (parts per billion)